

RHODORSIL® PASTE 7

Description **RHODORSIL PASTE 7** is a polydimethylsiloxanic oil based silicone paste together with inert fillers.
This paste is particularly adapted to mould release applications in the rubber, plastics and timber industries, etc.

- Advantages**
- **Does not burn onto the moulds.**
 - **Reduces maintenance.**
 - **Reduces the part reject rate.**
 - **Improves the appearance on the moulded parts.**

- Examples of application**
- Mould release agent in various industries, notably in the plastics processing industry.
 - Manufacture of low pressure laminates in phenolic resins or polyesters.
 - Lubrification of systems containing plastics

Characteristics

1. Physical properties

Colour..... translucent to whitish

Note: *Slight variations in colour may occur but these do not affect the final properties of the product.*

Specific gravity at 25°C..... 1.0

Penetration worked 60 strokes, 1/10^e mm..... < 350
(Standards NF T 6012 - ASTM D 217, DIN 51804)

Penetration unworked, 24 h-1/10^e mm, approx..... 260
(Standards NF T 6012 - ASTM D 217, DIN 51804)

Bleed after 24 h at 200°C..... < 10 %

Evaporation after 24 h at 200°C..... < 5%

2. Thermal properties

Maximum continuous operating temperature, °C..... + 200

Minimum continuous operating temperature, °C..... - 40

Note: *These thermal properties are not restrictive: shorter exposure times, when in peak operating conditions authorise use at higher temperatures.*

Thermal conductivity at 25°C, W/mK..... 0.21

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Working procedure It is recommended to apply **RHODORSIL PASTE 7** onto clean and dry surfaces (degreased if necessary).

RHODORSIL PASTE 7 is applied with a brush, with a paint brush, with a spatula or with a paste gun.

RHODORSIL PASTE 7 can be diluted in aliphatic or chlorinated solvents to facilitate its application when being applied in thin coats

Packaging

- 100 g tubes on pallets of 1,600 units.
- 1 kg tubs on pallets of 192 units.
- 5 kg pails on pallets of 48 units.
- 25 kg pails on pallets of 10 units.
- 200 kg drums on pallets of 4 units.

Storage and shelf-life When stored in its original unopened packaging at a temperature between + 2°C and + 50°C, **RHODORSIL PASTE 7** must be used within 36 months of the manufacture date shown on the packaging. Once this expiry date is past, Bluestar Siliconi Italia S.p.a. no longer guarantees the conformity of the product with the sales specifications.

RHODORSIL PASTE 7 should be stored in a cool, dry place.

Safety Consult the Safety Data Sheet for **RHODORSIL PASTE 7**.

Visit our website www.bluestarsilicones.com

EUROPE

Bluestar Silicones France
21 Avenue Georges Pompidou
F69486 Lyon Cedex 03
FRANCE
Tel. (33) 4 72 13 19 00
Fax (33) 4 72 13 19 88

NORTH AMERICA

Bluestar Silicones USA
Two Tower Center Boulevard
Suite 1601
East Brunswick, NJ 08816-1100
United States
Tel. (1) 732 227 2060
Fax (1) 732 249 7000

LATIN AMERICA

Bluestar Silicones Brasil Ltda.
Av. Maria Coelho Aguiar, 215, Bloco G
-1º Andar
05804-902 - São Paulo - SP - Brasil
Tel. (55)-11-37477887

ASIA PACIFIC

Bluestar Silicones Hong Kong
Trading Co., Ltd.
29/ F, 88 Hing Fat Street
Causeway Bay - Hong Kong
Tel. (852) 3106 8200
Fax (852) 2979 0241

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